IN THE UNITED STATES PATENT AND TRADEMARK OFFICE FICEIVED

In re Patent Application of	MAR 0 8 2002		
NAKAE et al. MAR 0 6 2002	TECH CENTER 1600/2900		
Application Number: 09/527,440	Art Unit 1631		
Filed March 17, 2000	Examiner J. Lundgren		
For: PRIMER DESIGN SYSTEM)			
Honorable Assistant Commissioner for Patents			
Washington, D.C. 20231			

COVER LETTER

Sir:

[] The fee for submission of additional claims is calculated as shown below:

For	TOTAL WITH NEW CLAIMS ADDED	TOTAL CURRENTLY ON FILE	CLAIMS PAID	RATE	CALCULATION
Total Claims	17	20	-XX (Over 20)	x \$18	0
Independent Claims	10	13	10 (Over 3)	x \$84	0
MULTIPLE DEPEND	DENT CLAIM(S)			+ \$280	0
REDUCTION FOR FILING BY SMALL ENTITY (note 37 C.F.R. §§ 1.9, 1.27, 1.28).				x ½	
			ТОТА	L	0

In addition, the below-identified communications are submitted in the above-captioned application or proceeding:

J Petition for Extension of Time
] Terminal Disclaimer
] Letter to Draftsperson
] Assignment
] Petition under
] Small entity status

[]	Please charge my Deposit Account Number in the amount of to cover the fees for A duplicate copy of this paper is enclosed.
[]	A check in the amount of \$ 0.00 to cover the fee is enclosed.
[x]	The Commissioner is hereby authorized to charge any additional fees associated with this communication, including patent application filing fees and processing fees under 37 C.F.R. § 1.16 and 1.17, or credit any overpayment to Deposit Account Number 08-1480 .

Respectfully submitted,

Stanley P. Fisher

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March 6, 2002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

UECEIVED
MAR 0 8 2002
TECH CENTER 1600/2900

In re Patent Application of

No.KAE et al.

2002
Application Number: 09/527,440

MARY Filed March 17, 2000

For: PRIMER DESIGN SYSTEM

Honorable Assistant Commissioner for Patents
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RESPONSE AND AMENDMENT UNDER 37 C.F.R. §1.111

Art Unit 1631

Examiner J. Lundgren

Sir:

This is in response to the office action dated December 11, 2001, in the above identified application, the period for response to which has been extended to expire on March 11, 2002 with a one-month extension fee filed herewith. Please amend the above identified application with the replacement paragraphs/sections/claims as follows:

IN THE CLAIMS:

Please cancel claims 6, 8, 11, 24, 28-29 without prejudice or disclaimer, and substitute claims 1, 7, 19, 20, 22 with the following amended claims:

1. A primer design system, comprising:

means for selecting at least one DNA nucleotide sequence from a database including a plurality of different DNA nucleotide sequences of the human genome;

means for predicting a plurality of different exons of said selected DNA nucleotide and for storing the predicted exons; and

a control unit for controlling the system, said control unit controlling:

means for extracting a plurality of partial sequences meeting extraction conditions from the predicted exons, wherein said extraction conditions include a predetermined base length;

means for determining positions of said plurality of partial sequences related to each one of said predicted exons and the DNA nucleotide sequence;

El Sur!